

VLAJIC, JONAN

Refraction Manufacture in Yugoslavia  
Vladimir Dostani  
128 101 64-54, 77

(1)

VUCKOVIC, Lj.; GRUJIC, M.; ZEGARAC, D.; DJURIC, O.; VLAJKOVIC, Lj.

Results of the treatment of exudative pleurisy in children in the past 15 years. Tuberkuloza 15 no.1:33-38 Ja-Mr '63.

1. Institut za tuberkulozu NR Srbije, Beograd - Direktor:  
prof. dr M. Grujic.

(PLEURAL EFFUSIONS)  
(TUBERCULOSIS, PLEURAL)  
(TUBERCULOSIS IN CHILDHOOD)  
(STATISTICS)

S

VLAJKOVIC, M.

VLAJKOVIC, M. The use of alternating and direct currents in electric arc welding. p. 1675.

Vol. 11, No. 11, 1956.

TEHNIKA

TECHNOLOGY

Belograd, Yugoslavia

So: East European Accession, Vol. 6, No. 2, February 1957

17(10)  
21(8)

YUG/1-59-1-27/67

AUTHOR: Vlajković, Milan M., Engineer, Technical Advisor  
(Beograd)

TITLE: Radiation Hazards and Protective Methods in Industry.

PERIODICAL: Tehnika, 1959, Nr 1, pp 94 - 99 (YUG)

ABSTRACT: In this, the first part of the article, the author emphasizes the need for radiation protection and gives data on measures undertaken by the Canadian, English and American atomic energy authorities for this protection. He also gives the basic ideas on hazards relating to radiation doses (their biological effect), cites diseases caused by radiation and briefly describes various sources of radiation. The article will be continued in the next issue of "Tehnika".

ASSOCIATION: Elektroprojekt, Beograd.

SUBMITTED: 24 April 1958

Card 1/1

VLAJKU, Jeno

Work schedule of the trade union in the May 1 Clothing Factory.  
Munka ll no.4:8 Ap '61.

1. Szakszervezetek Orszagos Tanacsa szervezesi osztalyanak munkatarsa.

(Hungary—Clothing industry)  
(Hungary—Trade unions)

VLAJNIC, OLIVERA.

Some new species of marine bacteria. Split (Institut za oceanografiju i ribarstvo) 1955 35 p. (Acta Adriatica, v. 7, no. 2)  
(In English with Serbo-Croatian summary. bibl., tables)

SOURCE: EAST EUROPEAN ACCESSIONS LIST (EEL), LC, Vol. 5, No. 2, Feb. 1956

GRUJIC, Milic; VLAJNIC, Svetislav

The problem of BCG vaccination and re-vaccination in Serbia  
in 1963. Tuberkuloza 16 no.3:311-315 My-Ag '64

1. Institut za tuberkulozu, Socijalisticke Republike Srbije,  
Beograd (Direktor: prof. dr. Milic Grujic).

YUGOSLAVIA

LJUBISAVLJEVIC, S.; VLAJNIC, S.; and MILINKOVIC, M., of the Serbian Tuberculosis Institute (Institut za Tuberkulozu SR Srbije) and Serum and Vaccine Institute (Institut za Serume i Vakcine) in Belgrade.

"The Results of Comparative Tests of the Antigenic Value of the Yugoslav Dry BCG Vaccine in Relation to the French Dry and the Yugoslav Fresh BCG Vaccine."

Belgrade, Narodno Zdravlje, Vol 19, No 7-8, 1963, pp 242-245.

Abstract: Given proper handling from beginning to end, the Yugoslav fresh and dry BCG vaccines proved to yield entirely satisfactory results. The dry vaccine is prepared from the cultures as the fresh and is used 3.5 to 4.5 months after preparation. The slightly better results obtained with the French dry BCG vaccine might be ascribed to its stronger concentration. The authors suggest the selection of cultures in which BCG bacilli display great enzymatic potential, as well as the registration of the Yugoslav dry BCG 1/1 vaccine as a standard. Five tables, three graphs, no references

YUGOSLAVIA

GRUJIC, Prof Dr Milic, Director (Direktor), and Svetislav  
VLAJNIC, Institute of Tuberculosis of Serbia (Institut za  
Tuberkulozu NR Srbije).

"The Problems of BCG Vaccination in Serbia."

Belgrade, Glasnik Zavoda za Zdravstvenu Zastitu NR Srbije,  
Vol 11, Nos 3-4, 1962, pp 13-21.

Abstract: Authors' Serbocroatian summary modified Im-  
provement in work with BCG vaccination would require better  
coordination among health institutions and the formation of  
a BCG service in anti-tuberculosis dispensaries to which to  
entrust the vaccination of children born at home. The pro-  
portion of vaccination among children born in maternity  
wards in Serbia rose from 63 to 78 percent between 1958 and  
1961, but the proportion of vaccination among all children  
(those born in maternity wards and those born at home) in  
1961 was only 32 percent. Children's and school dispensar-  
ies devote insufficient attention to the problem. Seven  
1/1/tables, two graphs, no references.

VLAKH, Bogumil [Wlach, Bohumil]

Decomposition of high steps of growth spirals on silicon carbide  
crystals. Kristallografiia 6 no.4:644-645 JI-Ag :61.

(MIRA 14:8)

1. Universitet imeni Ya.E.Purkine, Chekhoslovakiya, Brno.  
(Silicon carbide crystals--Growth)

VLAKH, Robert [Vlach, Robert]

Tenth anniversary of the Czechoslovak Academy of Sciences. Nauka  
i zhizn' 30 no.3:22-23 Mr '63. (MIRA 16:5)  
(Czechoslovakia--Scientific societies)

VLAKHCV, D.

Landscaping dams and their surroundings with trees. p. 214.

Vol. 11, no. 5, May 1955  
GORSKO STOPANSTVO  
Sofiya, Bulgaria

So: Eastern European Accession Vol. 5 No. 4 April 1956

BULGARIA

Gh. GEORGIEV and Iv. VLAKHOV, Department of Therapeutics of District Hospital (Terapevtichno otdelenie na Okruzhnata bolnitsa,) Pleven.

"Antibiotic and Mycotic Diseases."

Sofia, Suvremenna Meditsina, Vol 14, No 5, 1963; pp 41-44.

Abstract : Review of 14 cases of severe disseminated moniliasis, whereof 3 fatal, other 6 cured and 3 improved with nystatin, potassium iodide and extra vitamins, special diet. The general problems of candidiasis following antibiotic therapy (as in all of authors' 14 patients) are discussed in detail, listing recommended precautions to minimize the frequency of occurrence.

L1/1

MIKHAILOV, V., Prof.; VLAKHOV, K.; KARPANOV, M.

Tomographic examination of lung cancer. *Suvrem. med.*, Sofia  
7 no.10:115-124 1956.

1. Iz Katedrata po obshcha rentgenologiya pri VMI I.P. Pavlov -  
Plovdiv (Zav. katedrata: prof. Ves. Mikhailov).  
(LUNG NEOPLASMS, diag.  
tomographic exam.)

VIAKHOV, K.; MATEEV, B.; PANAIOTOV, D.

X-ray and differential diagnosis of diaphragmatic hernia. *Khirurgia*,  
Sofia 12 no.2:115-126 1959.

(HERNIA, DIAPHRAGMATIC, diag.  
x-ray & differ. diag. (Bul))

VAPTSAROV, Iv., prof.; RADOEV, Ant.; ~~VLAKHOV, K.~~

A case of renal rickets. Suvrem. med., Sofia 7 no.8:  
67-74 1956.

1. Is Katedrata po detски bolesti. Zav katedrata: prof.  
Iv. Andreev. I Katedrata po obshcha rentgenologija. Zav.  
katedrata: prof. Ves. Mikhailov, pri VMI "I.P. Pavlov,"  
Plovdiv.

(RICKETS, RENAL, case report)

MIKHAILOV, Ves., Prof.; VLAKHOV, Kir.

Radiographic picture of diaphysial tuberculosis of long hollow bones. Suvrem. med., Sofia 7 no.7:40-46 1956.

1. Iz Katedrata po obshcha rentgenologija pri VMI "I. P. Pavlov"-  
Plovdiv- (Zav. katedrata: prof. Ves. Mikhailov).  
(TUBERCULOSIS, OSTEOARTICULAR, radiography  
diaphysial, of long hollow bones)

VLAKHOV, K.; FILIPOV, B.

Successful treatment of multiple skeletal manifestations in tertiary syphilis. Suvrem. med., Sofia 5 no.6:82-86 1954.

1. Iz Institutę po obshcha rentgenologija pri Meditsinskata akademija I.P.Pavlov, Plovdiv (sav. katedrata: prof. V.Mikhailov) i Okruzhnija protivovenerichen dispanser, Plovdiv (nach. otdelenie: B.Filipov)

(SYPHILIS,  
tertiary of bone, ther.)

VLAKHOV, K., st. asistent

Case of spontaneous cure of bilioduodenal fistula. Khirurgia 6  
no.10:636-638 1953.

1. Iz Medits. akad. "I.P.Pavlov," Plovdiv, Institut po obshcha  
rentgenologiya, direktor: prof. Ves. Mikhailov.

(FISTULA,

\*bilioduodenal, spontaneous cure)

(BILIARY TRACT, fistula,

\*bilioduodenal, spontaneous cure)

(DUODENUM, fistula,

\*bilioduodenal, sopntaneous cure)

VLAKHOV, K.

VLAKHOV, K., st. asistent; KAMBUROV, St., asistent

Diffuse idiopathic dilatation of the esophagus; megaesophagus  
with gastric ulcer. Khirurgiia, Sofia 7 no.4:253-255 1954.

1. Iz Meditsinskata akademiia I.P.Pavlov, Flovdiv, Institut po  
obshcha rentgenologiya, zavezhdashch: prof. Ves.Mikhailov.  
(PEPTIC ULCER, complications,  
megaesophagus)  
(ESOPHAGUS, diseases,  
megaesophagus, with peptic ulcer)

VLAKHOV, K.; KARPANOV, M.

Middle lobe syndrome. Suvrem med., Sofia no.12:17-26 '60.

1. Iz Katedrata po obshta rentgenologija pri VMI "I.P.Pavlov,"  
Plovdiv (Rukovoditel na katedrata dots. K.Vlakhov)  
(LUNG DISEASES radiog)

VLAKHOV, K., dots.; MATEEV, B.

3 cases of Paget's osteitis deformans. Khirurgiia, Sofia 13 no.7/8:  
699-704 '60.

1. Iz Katedrata po obshta rentgenologiiia pri VMI "I.P.Pavlov,"  
Plovdiv.

(OSTEITIS DEFORMANS case reports)

VLMROVIC, J.

Varieties and organization of the use of technical devices for mental work.

II. p. 650.

Bibliography of Yugoslav technical books. p. 655.

15th Meeting of CIGRE, 1954. p. 657.

TEHNIKA, Beograd, Vol 10, no. 5, 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,  
Uncl.

VLANKOVIĆ, J.

Varieties and organization of the use of technical devices for mental work.

I. p. 469.

TEHNIKA, Beograd, Vol. 10, no. 4, 1955.

SO: Monthly List of East European Accessions, (EEAL), IC, Vol. 1, no. 10, Oct. 1955,  
Uncl.

PROCEDURES AND PROPERTIES INDEX

H-3

*BC*

3- and 4-pyridylbenzimidazole, H. A. LING and C. YUAN (Bull. Soc. Chim. Yunnan, 1952, 4, 17-21) —  $\text{SOCl}_2$  yields a compound with 1 mol. of 3- and with 2 mols. of 4-pyridylbenzimidazole. R. T.

COMMON ELEMENTS

COMMON VARIABLES INDEX

MATERIALS INDEX

EXPERIMENTAL DATA

ASR-51A METALLURGICAL LITERATURE CLASSIFICATION

EBCB: BOMIVV

EBCB: BOMIVV

GROUP	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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VLAISAVLJEVIC, L.J.

The organization of railroad transportation of food which spoils quickly.

p. 29.

(Železnice. Vol. 13, no. 1, Jan 1957, Yugoslavia)

30: Monthly List of East European Accessions (EEAL)<sup>2</sup>LS, Vol. 6, no. 7, July 1957, Uncl.

VLAISAVLJEVIC, Ljubomir (Eng.)

"The protection of railway tracks from the detritus of smaller rivulets"

SO: ZELEZNICE No. 7, Year XI, July 1955

VLAISAVLJEVIC, LJ.

"Application And Principle In The Planning Of Jetties For The Protection Of Roadbeds  
Against Washouts" p. 231. (Zeleznice, Vol. 9, no. 7, July, 1953, Beograd.)

SO: Monthly List of East European Accessions, Library of Congress, September 1953, Uncl.  
Vol. 2, No. 9,

~~VLAJIC, JORDAN~~

VLAJIC, JORDAN  
YOGO .

Industries manufacture in Yugoslavia. Vlodrat Delort  
and Loran Bistic (Magnesium Co., Kraljeva, Yugoslavia,  
Brick and Clay Record 126, No. 6, 18-7, 77(1956).—Mag-  
nesite and chrome-magnesite brick, dead-burned magnesite,  
mortars, ramming mixes, and plastics are produced from  
local magnesite and chrome ore. Yugoslav magnesite  
runs 46% MgO. Analyses of ores and bricks are cited.  
Gordon Roy Blumay

5  
1 MH

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PROCESSES AND PROPERTIES INDEX

10

*CA*

3-( $\alpha$ - and  $\beta$ -Pyridyl)benzimidazoles. H. A. Leko and G. Vlasov. *Bull. soc. chim. roy. Yougoslav.* 4, 17-21 (1953); cf. C. A. 27, 3475.---The HgCl<sub>2</sub> double salts have been prepd. with both benzimidazoles. C<sub>11</sub>H<sub>8</sub>N<sub>2</sub>.HgCl<sub>2</sub> has been obtained with the  $\alpha$ -compd., and (C<sub>11</sub>H<sub>8</sub>N<sub>2</sub>).HgCl<sub>2</sub> with the  $\beta$ -compd. J. G. Tolpin

METALLURGICAL LITERATURE CLASSIFICATION

17



YUGOSLAVIA/Microbiology - General Microbiology. Systematics,  
Morphology and Cytology

F

Abs Jour : Ref Zhur Biol., No 22, 1958, 99196

Author : Vlajnic, O.

Inst :

Title : Some New Species of Marine Bacteria

Orig Pub : Acta adriat., 1955, 7, No 2, 35 pp

Abstract : 13 cultures of bacteria isolated from the Adriatic Sea have been classified and described. Five strains represent the family Micrococcaceae (four strains belong to the genus Micrococcus and one to the genus Sarcina), seven belong to the family Pseudomonadaceae, gen. Pseudomonas, and one is related to the fam. Bacillaceae, gen. Bacillus.

Card 1/1

VLAKH, P.A., inzhener (Checkhoslovakiya).

Measures for protecting pressure pipelines in hydroelectric  
power stations from corrosion. Gidr.stroi. 25 no.10:58-59 N  
'56. (MLRA 9:12)

(Pipe--Corrosion)

BULGARIA/Farm Animals. Honeybee.

Q

Abs Jour: Ref Zhur-Biol., No 17,1958, 78843.

Author : Vlakhov, Doyno.

Inst : ~~INSTITUTE OF ZOOLOGY AND ANATOMY~~

Title : The Linden - The Best Honey Dearer in the Forests of  
Bulgaria.

Orig Pub: Pchelarstvo, 1957, 3, No 8, 12-14.

Abstract: No abstract.

Card : 1/1

VLA KH OV, K.

TELCHAROV, L., prof.; VLAKHOV, K.

Cytological and roentgenological investigations of dissemination of a case of multiple myeloma. Suvrem.med., Sofia 6 no.9:83-91 1955.

1. Iz Katedrata po patofiziologija (zav. prof. L.Telcharov) i Katedrata po obshcha rentgenologija (zav.: prof. Ves.Mikhailov) pri Visshia meditsinski institut I.P.Pavlov-Plodiv.  
(MYELOME, PLASMA CELL, pathology,  
cytol. & x-ray follow-up of dissemination (Bul))

VLAKHOV, K.: KARPANOV, M.

Problem of osteomyelopathic dysplasia (Busakov) with report of two cases of atypical marble disease. Suvrem.med. Sovia no.6: 104-109 '55.

1. Iz Instituta po obshcha rentgenologiya pri Visshia med. institut I.P.Pavlov, Plovdiv (zav.katedrata: prof. V. Mikhailov)  
(OSTEOSCLEROSIS,  
atypical osteopetrosis)

VLAKHOV, K.

BULGARIA / General Problems of Pathology. Tumors.

T-5

Abs Jour : Ref. Zh.-Biol. No 2, 1958, No 7851

Author : Mikhaylov, V., Vlachov, K., Karparov, M.

Inst :

Title : Tomographic Examination in Pulmonary Carcinoma

Orig Pub : S Vrem. Med., 1956, 7, No 10, 115-124

Abstract : No abstract.

Card : 1/1

VLAKHOV, K.; KARPANOV, M.

Bilateral pulmonary aspergilloma. *Suvrem.med., Sofia* no.11:99-104 '59.

1. Iz Katedrata po obshta rentgenologija pri VMI - Plovdiv. Zav. katedrata: dots. K. Vlahov.  
(ASPERGILLOSIS case reports)  
(LUNG DISEASES case reports)

VIAKHOV, K.

On the problem of articular chondromatosis. Khirurgiia, Sofia  
12 no.11:945-951 '59.

1. Vissh meditsinski institut "I.P. Pavlov" - Plovdiv. Katedra  
po obshta rentgenologiya. Zav.katedrata: dots. K. Vlahov.  
(JOINTS neopl.)

VLAKHOV, K., dotsent; KARPANOV, M.

Features of the dynamics of x-ray changes in the lungs during the influenza epidemic of the autumn of 1957. Vest.rent. 1 rad. 34  
no.3:11-13 My-Je '59. (MIRA 12:10)

1. Iz kafedry obshchey rentgenologii (zav. - dotsent K.Vlakhov)  
Meditsinskogo instituta imeni I.P.Pavlova, Plovdiv). Adres  
avtora: Plovdiv, Meditsinskiy institut im. I.P.Pavlova.

(INFLUENZA, pathol.

lungs, x-ray studies (Rus))

(LUNGS, pathol.

in influenza, x-ray studies (Rus))

TELCHAROV, L.; VLAKHOV, K.; MAROVSKI, T.; MARPAROV, M.

Changes in the bone marrow in cancer patients during röntgenotherapy.  
Med. rad. 6 no.2:11-16 '61. (MIRA 14:3)  
(CANCER) (X RAYS—PHYSIOLOGICAL EFFECT)

LAMBREV, Zh., prof. d-r; VLAKHOV, K.; ABZHAROVA, E.; MAROVSKI, T.

Experiments in increasing radioresistance in chick embryos through small and medium doses of X rays. Trud Pedagog inst Plovdiv 1 no.1:103-110 '63.

1. Chair of General Biology, Higher Pedagogic Institute, Plovdiv. Head: Professor Zh. Lambrev and Chair of Roentganology and Radiology, I.P. Pavlov Higher Medical Institute, Plovdiv. Head: Prof. Dr K. Vlahov.

VLAKHOV, K.; MAROVSKI, T.

Apropos of roentgenological diagnosis of ulcer of the pyloric canal. Folia med. (Plovdiv) 6 no.4:238-244, '64

1. Vysshiy meditsinskiy institut imeni Iv.P.Pavlova, g. Plovdiv, Bolgariya; kafedra rentgenologii i radiologii. (Rukovoditel': prof. K. Vlahov).

VIAKHOV, K.; KARPANOV, M.

Use of a grid in X-ray therapy for cancer of the lung. Vop.onk.  
5 no.10:449-454 '59. (MIRA 13:12)  
(LUNGS---CANCER) (X RAYS---THERAPEUTIC USE)

VLAKHOV, Nikola Ang.

Essence and importance of the stakhanovite movement. Transp  
delo 6 no.1:25-32 '54.

1. Zam. nachalnik upravlenie Lokomotivno stopanstvo.

VLAKHOV, N

"Capacity rating in traction-engine computations."

TRANSPORTNO DELO, Sofia, Bulgaria, Vol 11, no. 4, 1959

Monthly list of East Europe Accessions (EEAI), LC, Vol. 3, No. 6, Sept 59  
Unclas

VLANKOV, V.

Vlankov, H. Compact and annular loads, basic requirements for service with a large number of freight cars at high speed. *U.S. TRANSPORTATION* DELC. Sofia. Vol. 7, no. 4, 1955.

SO: Monthly List of the East European Association (MEAL) *IC*. Vol. 4, no. 10, Oct. 1955. Uncl.

VLAKHOV, N.

Compact and annular loads, basic requirements for service with a large number of freight cars at high speed. p. 8.  
TRANSPORTNO DELO, Sofiya, Vol. 7, no. 4, 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,  
Uncl.

VLAHOV, R. [Vlakhov, R.]; OGNYANOV, I. [Ognianov, I.]

Oxygen terpene compounds in Bulgarian peppermint oil.  
Doklady BAN 17 no.2:145-147 '64.

I. Institute of Organic Chemistry at the Bulgarian  
Academy of Sciences. Submitted by Academician  
D.Ivanov.

VIAKHOV, B.

Medical dictionaries (some considerations on lexicography).  
Suvr. med. (Sofia) 15 no.7&4-49 '64

VLALOV, Ivan Ivanovich.

Kontaktnaia set'. [Contact wires]. Utverzhdeno v kachestve uchebnika dlia  
tekhnikumov zhel-dor. transporta, Moskva, Gos. transp. zhel-dor, izd-vo, 1951. 386 p. illus  
DLC: TF885.V6

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress,  
Reference Department, Washington, 1952, Unclassified.

KUPENOV, D., inzh.; POKRIVNISHKI, V., inzh.; VLAKHOVSKI, M., inzh.

Polishing of porcelain insulators for the 60 and 110 kv.  
circuit breakers. Mashinostroena li no.11:16-20 N '62.

KUPENOV, D., inzh.; VLAKHOVSKI, M., inzh.

Wet polishing of procelain insulators for the 60 and 110 kv.  
low-level oil switches. Mashinostroene 12 no.1:22-25 Ja '63.

VLAM

"The largest airport in the world." p. 4.  
"Man hunt; an excerpt from the book Celestial Fires by Pierre Klostermann. (To be contd.)

p. 4.  
"Air forces of the Middle Eastern countries." p. 4.  
(Aero Svet. Vol. 3, no. 35, Mar. 1953. Beograd.)

VLANTY, J.; HALOUSEK, J.; LEITNER, J.

Effect of the reduction degree on the process of softening iron  
ores. p. 659.

HUTNICKE LISTY, Brno, Czechoslovakia, Vol. 14, no. 8, Aug. 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 10,  
Oct. 1959  
Uncl.

VLARSKY, Josef; JANOUSEK, Bretislav

Our experience with the treatment of eczema with hypnosis. *Cesk. dern.*  
35 no.2:86-89 Ap '60.

1. Dermatovenerologicka klinika lekarske fakulty KU v Hradci Kralove,  
prednosta prof. MUDr. Bret. Janousek.

(ECZEMA ther) (HYPNOSIS ther)

CZECHOSLOVAKIA/Chemical Technology. Chemical Products H  
and Their Uses. Part III. Food Industry.

Abs Jour : Ref Zhur-Khimiya, No 15, 1958, 51994

Author : Vlasak

Inst : -

Title : Application of Epoxy Resins: ChS-Epoxy  
1200, Eprosin 1210/30 and 1210/50 in the  
Food Industry.

Orig Pub : Prumysl potraviny, 1958, 9, No 1, 50-51

Abstract : No abstract.

Card : 1/1

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VLASAK, A.

VLASAK, A. The Tuborg Brewery in Copenhagen. p. 6 Vol 3, no. 1,  
Jan. 1957 KVASNY PRUMYSL (Ministerstvo potravinarskeho)  
Praha, Czechoslovakia

SOURCE: EAST EUROPEAN ACCESSIONS LIST (EAL) VOL 6 NO 1, APRIL 1957

VLASEK, B.

Progress and trends of the world development of office machines.  
Jemna mech opt 9 no.5:149-151 My '64.

1. Kancelarske stroje, Prague.

VLASAK, F.

Activities of the Research Institute of Swine Breeding.

p. 252

Vol. 3, no. 5, 1956

BESEDA VENKOVSKÉ RODINY

Praha

SO: Monthly List of East European Accessions (EAL), LC, Vol. 5, no. 12  
December 1956

VLASAK, F.

"Developing technical and economic norms." p. 3

"I. G. Chekmarev at Handlova." p. 3

"(Utein) Progress of Production of consumers' goods in the USSR." p. 3

(Technicke Noviny, Vol. 1, No. 16, Dec. 1954, Praha)

SO: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 6, June.  
1954, Uncl.

C-1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

13, 26

2522. Separation of uranium from iron. F. Vlasov and I. Kuznetsova  
(Chem. Listy, 1948, 62, 32-34).—Aq.  $FeCl_3 \cdot 6H_2O$  containing  
20% of HCl is extracted repeatedly with ether, whereby 90% of  
the  $FeCl_3$  is removed. The aq. layer is evaporated to dryness, the  
residue dissolved in water.  $Na_2CO_3$  added to ppt. residual Fe,  
and the filtrate heated with aq.  $NH_3$  to ppt. U. The chlorides of  
Al, V, Ni, Co, and Mn cannot be separated from  $UO_2Cl_2$  by this  
method. R. Tauson.

1ST AND 4TH EDITIONS      PROCESSES AND PROPERTIES INDEX      2ND AND 3TH EDITIONS

5 21

**The Separation of Uranium and Iron.** F. Vlasik and I. Kocinová. (Chemické Listy, 1948, No. 7, pp. 32-34). [In Czech]. Iron and uranium may be separated by slaking a mixture of their chlorides in 30% hydrochloric acid and ether; uranyl chloride remains in the aqueous layer, and the ferric chloride is transferred to the ether layer. The last trace of iron may be removed from the aqueous layer by the carbonate method. N. A. H.

ASS. S. A. METALLURGICAL LITERATURE CLASSIFICATION

12 11 10 9 8 7 6 5 4 3 2 1

PROCESSES AND PROPERTIES INDEX

1ST AND 2ND CODERS      100 AND 4TH CODERS

7

✓ Oxidimetric determination of tungstates. F. Vlasek  
*Collection Czechosl. Chem. Commun.* 10, 278 (1935). -  
 An amalgam produced by dissolving 5 g. Pb in 200 g.  
 Hg, after cleaning the surface of the Pb with a little  
 concd. HCl, is a satisfactory reducer of sexivalent W to  
 the trivalent condition. Evap. the soln. of Na tungstate  
 until crystn. starts, add a little water to dissolve the crys-  
 tals formed and pour the soln. rapidly into 50-100 ml. of  
 boiling hot, concd. HCl. In this way there is no sepn. of  
 yellow  $WO_3 \cdot H_2O$ ; some white  $WO_3 \cdot 2H_2O$  is formed which  
 dissolves easily in the HCl to form  $WO_3Cl_2$  and  $WO_3Cl_4$ .  
 Place the soln. in the app. recommended by Someya (cf.  
*C. A.* 19, 2614; 21, 3674) and rinse out the original vessel  
 with concd. HCl. Now add 20 ml. of liquid Pb-Hg,  
 introduce  $CO_2$  and start the reduction at about 50°. As  
 the W is reduced, the color of the soln. turns blue, then  
 violet, orange red and finally yellow or yellowish green  
 when all the W is trivalent. The cooled soln., removed  
 from the reducing amalgam, can be titrated with  $CuSO_4$ ,  
 $KBrO_3$  or  $K_2Cr_2O_7$  and the trivalent W goes back to the  
 sexivalent state. With  $CuSO_4$ , the end point can be  
 detd. potentiometrically or with indigo carmine as indi-  
 cator; a persistent blue color is obtained at the end point.  
 With  $KBrO_3$ , methyl orange indicator can be used. The  
 best results, however, are obtained with  $K_2Cr_2O_7$  in the  
 presence of diphenylamine indicator. Twenty-one refer-  
 ences. W. T. H.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

FROM 871014      FROM 871014

100000 22      100000 22

100000 22      100000 22

H-1

BC

**Oxidometric determination of vanadium.** F. VLADIK (Coll. Czech. Chem. Commun., 1958, 30, 278-280).—BC solution of  $\text{Na}_2\text{S}_2\text{O}_8$  (obtained from aq. solution by slight addition of the acid to prevent formation of the insol. intermediate) introduced quantitatively into WVI to WIII by Pt amalgam, at 50°, in an inert atm. Appropriate indicators for the subsequent permanganate oxidation with  $0.1\text{N}\text{Ce}(\text{SO}_4)_2$ ,  $\text{KBrO}_3$  or  $\text{K}_2\text{Cr}_2\text{O}_7$  have been found by potentiometric titration.  $\text{K}_2\text{Cr}_2\text{O}_7$  with  $\text{NH}_4\text{Ph}$  is best. K. W. P.

ASS-51A METALLURGICAL LITERATURE CLASSIFICATION

GENERAL INDEX

FROM ROMANIA

CA

Separation of uranium and iron. F. Vlasák and L. Kosinová. *Chem. Listy* 42, 32-4 (1948).  $\text{FeCl}_3$  dissolved in 20% HCl can be extd. with ether almost quantitatively, whereas  $\text{UO}_2\text{Cl}_2$  remains in the aq. layer.  
M. Hudlíček

VLASAK, F.

Main tasks of the Czechoslovak power industry in 1957, p. 1.

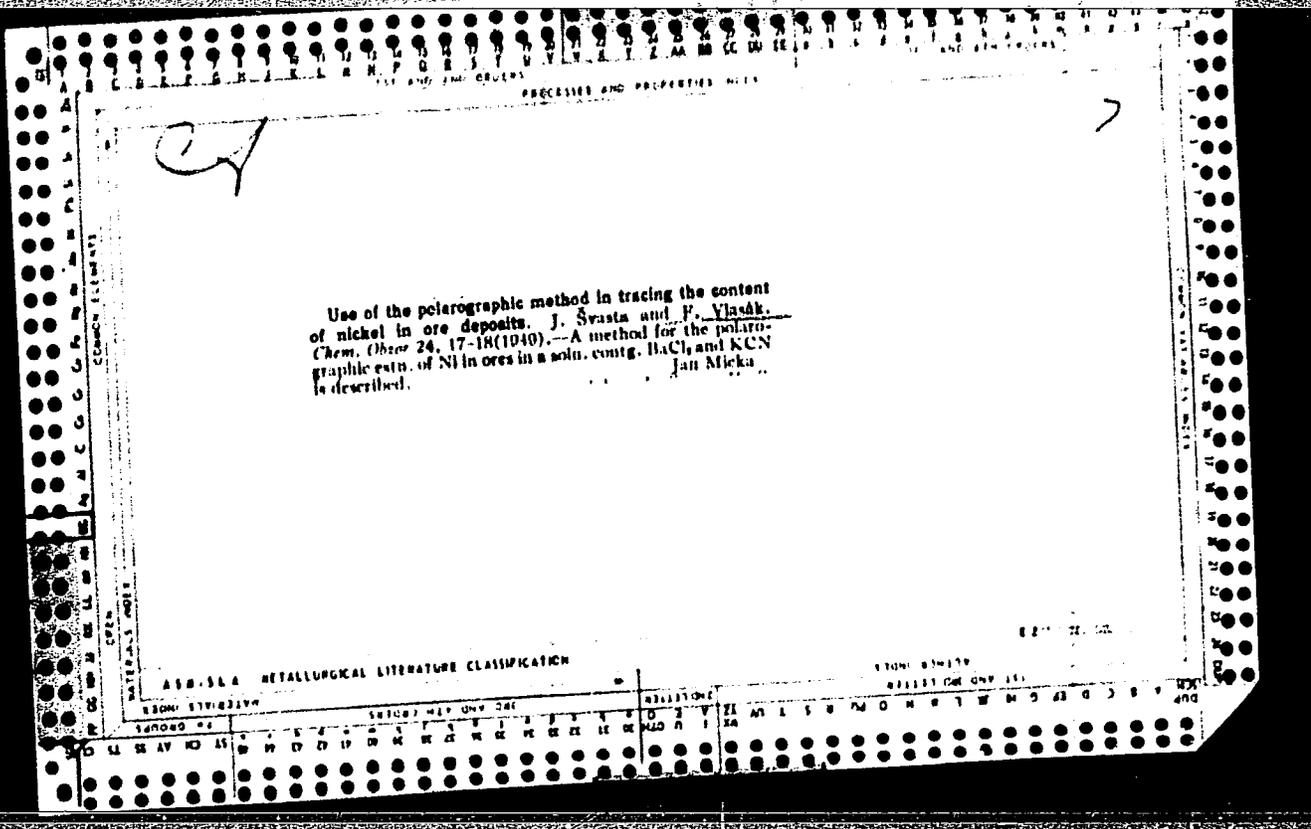
(Energetika. Vol. 7, no. 1, Jan. 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

VLADAR, F.

"Main Tasks of The Plan of Research and Technical Development."  
(Za Social Istrazhou Vozdu A Tehnicki. Vol. 1, No. 1. Jan. 1971.)

SO: Monthly List of East European Accidents, Vol. 2, No. 9. Moscow, U.S.S.R., 1971.



CA

Determination of a small quantity of uranium in ores and rocks. Pr. Vlasák, J. Svasta, R. Rötter, M. Bouček. (Státní Ústav Geol., Prague, Czech.). *Sborník Státního Ústavu Geologie, Praha*, 1940, 16, 433-43, English summary, 111 (1940).—A polarographic and a photometric method for the detn. of U is described in detail. The polarographic method is carried out in a basic soln. and can be employed to det.  $U_3O_8$  to 0.008% in the presence of Fe. By removing Fe-Cl<sub>3</sub> by ether extn. 0.0008% of  $U_3O_8$  can be detd. One g. of a finely powd. sample is fused in water and digested for 1 hr., boiled, and dild. to 250 ml. To 25 ml. of this soln. add 1 ml. of a satd.  $Na_2SO_4$  soln. and then polarograph in air from -0.2 v. to -1.2 v. If the Fe-Cl<sub>3</sub> is extd. with ether, the soln. must be evapd. with  $HNO_3$  to oxidize any reduced  $U^{4+}$ . Since  $U^{5+}$  is reduced to  $U^{4+}$  easily by org. matter, such as filter paper, glass filters must be used. The photometric method depends on the reaction between the  $NaUO_2$  carbonate complex with  $H_2O_2$  giving a yellow soln. It cannot be used in the presence of Cr and large amounts of Mo and V. A Hilger H 500 absorption photometer was used with a Phillips 5722 K 170 filter. The light sources were the 3063, 3064, and 3050 A. Hg lines. F. C. G.

VRBA, Eugen (Praga); VLASAK, Frantisek, dr. (Praga)

An interview with Comrade Dr. Frantisek Vlasak, the new  
minister of transportation of Czechoslovakia. Vasut 8  
no.3:2 30Ap '5B.

1. "Vasut" pragai tudositoja. (for Vrba). 2. Csehszlovak  
Koztarsasag kozlekedesurgyi minisztere (for Vlasak).

VLASAK, Frantisek [Vlasák, František]

Expansion of railroad transportation in Czechoslovakia. Zhel.  
dor.transp. 42 no.5:80-83 My '60. (MIRA 13:9)

1. Ministr putey soobshcheniya Chexoslovatskoy Respubliki g. Praga.

(Czechoslovakia--Railroads)

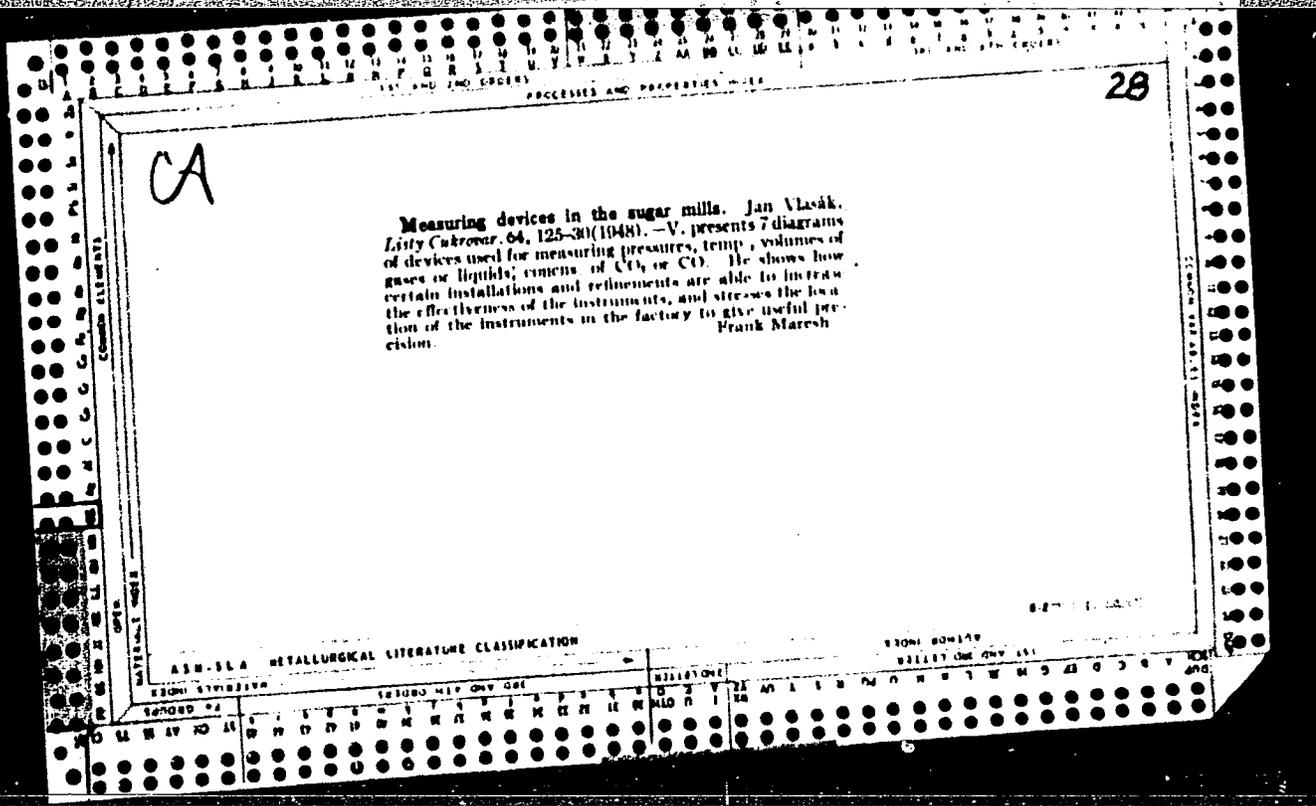
CZECHOSLOVAKIA  
20 Sep 63

VLASAK, Frantisek

Chairman, State Office of Social Security, was recalled from his office and appointed Minister-chairman of the State Commission for the Development and Coordination of Science and Technology, Prague, 20 September.

Rude Pravo, Prague, 22 Sep 63, p 1.

(1)



VLASAK, J.; Smaha, J.

Marking of semiconductor elements. p. 451.

SDELOVACI TECHNIKA. (Ministerstvo strojirenstvi) Praha, Czechoslovakia,  
Vol. 7, no. 12, Dec. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 1,  
Jan. 1960.

Uncl.

VLASAK, J.

VLASAK, J. Control of the fuel quality, p. 371. Vol. 7, no. 8, 1956.  
PRUMYSL POTRAVIN. Praha, Czechoslovakia.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

FAHRNER, R., inz.; CADEK, A.; FOUR, B., inz., dr.; HLUBUCEK, inz.;  
PFLEGER, V.; NETUSIL, J.; REISS, L., prof., inz.; KOHOUT,  
J.; KRIKA, J.; VLASAK, J.; VLACH, J., inz., dr.; CERNY, St.;  
KALDROVIC, P.; JIRASEK, J.; BURES, J.; SCHIFFLER, O., inz.;  
LIDICKY, Fr., inz.; BRAUNER, J., inz.

Record of the 1st National Conference of the Czechoslovak  
Scientific and Technical Society, Section for Power Engineering,  
held in Prague, April 1961. Energetika Cz 11 no.6:Suppl.:  
Energetika 11 no.6:1-11 '61.

VLASAK, J.

Epidemic hepatitis. Voj.zdrav.listy 19 no.11-12 Nov-Dec 50. (CLML 20:5)

VLASAK, J.

Investigation on pathogenic staphylococci in the nasal fossa in clinically healthy subjects. Voj. zdrav. listy 20 no.1:15-16  
Jan-Feb 1951. (CIML 20:11)

VIASAK, Karel

Microbial therapy, Cesk. pediat. 13 no.9:805-812 5 Oct 58.

1. Detske oddeleni v Ceske Lipe, primar MUDr. Karel Vlasak.  
(BACTERIA  
bact. ther., indic. (Cs))

VLASAK, M.

PHASE I BOOK EXPLOITATION

Z/6284

Jerie, Jan, ed., Engineer, Doctor, Corresponding Member of the Czechoslovak Academy of Sciences

Základní problémy ve stavbě spalovacích turbin (Basic Problems in the Construction of Gas Turbines [collection of articles]). Prague, Nakl. ČAV, 1962. 627 p. 1600 copies printed.

Sponsoring Agency: Československá akademie věd.

Ed. of Publishing House: Marie Moravcová; Tech. Ed.: František Kondický.

**PURPOSE:** The book is intended to familiarize turbine designers with recent developments in the design of gas turbines and to present some research results which may be helpful in designing more efficient turbines.

**COVERAGE:** The book comprises articles by leading Czechoslovak turbine experts on thermodynamic cycles, flow research in turbine components,

burning of fuel in combustion chambers, axial compressors, and characteristics of turbines manufactured in Czechoslovakia.

## Basic Problems in the Construction (Cont.)

z/6284

V. Svoboda, J. Šinták, J. Feirfell, and J. Mešťan (Prague Electrical Engineering Plant, Prague). Axial Compressors Manufactured by the Ceskomoravska Kolben Daněk Electrical Equipment Plant

457

V. Folta and M. Vlasák (State Research Institute for Heat Engineering, Prague). Theoretical and Experimental Results of Studies on the Properties of Axial Compressors

485

M. Vlasák. Axial Compressors for High Pressure Ratios

499

R. Dvořák (Institute for Machine Research, Czechoslovak Academy of Sciences, Prague) and K. Celikovsky (Aviation Research and Testing Institute, Lothany). Flow in the Transonic and Supersonic Stage of an Axial Compressor

513

O. Bunata ("Jan Šverma" Plant, Jinonice). Inlet Air in a Radial Compressor at Transonic Flow Velocities

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 L 41519-65 ARG/EEO-2/ENG(j)/EWT(d)/FBD/FSS-2/ENG(r)/EWT(1)/FBO/EWT(c)/EWT(c)/  
 EWT(m)/FS(v)-3/EPP(c)/EEG(k)-2/ENG(s)-2/EWP(1)/EWP(f)/ENG(v)/EWP(c)/EWP(v)/EWA(1)/  
 EPH/EWP(j)/T-2/ENG(a)-2/EWP(h)/EPA(bb)-2/EEG(c)-2/EEB-2/ENG(c)/FCS(k)/EWP(b)/  
 ADD.05110 PL-4/Pu-4/Pz-4/Pn-4/ BOCK EXPLOITATION PI-4/Pi-4/Pac-2/Pu-4/Pz-4/1163  
 Po-4/Po-5/Pq-4/Pac-4/Pz-4 IJP(c) AST/TI/RI/DD/RI/GH/EG/RI  
 Darvir, Miroslav, (Engineer); Dence, Konrad, (Professor, Doctor); Douska, Jiri, (141)  
 (Doctor); Dridil, Ivo, (Graduate in Philosophy); Cepelcha, Zdenek, (Candidate of  
 Physical and Mathematical Sciences); Cadr, Milan, (Doctor); Polczal, Vladimir, (141)  
 (Doctor); Dvorak, Antonin, (Candidate of Medical Sciences); Dvorak, Josef, (Doctor);  
 Guth, Vladimir, (Candidate of Medical Sciences, Docent, Doctor); Horak, Zdenek,  
 (Doctor of Physical and Mathematical Sciences, Corresponding Member of the  
 Czechoslovak Academy of Sciences, Professor, Doctor); Hospodar, Jan, (Doctor of  
 Physical and Mathematical Sciences, Doctor); Kleczek, Jozef, (Doctor); Klost,  
 Emil, (Candidate of Physical and Mathematical Sciences); Kolodovsky, Milan; Koral,  
 Vladimir (Doctor); Kopecky, Miloslav, (Candidate of Legal Sciences); Krivsky,  
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 didate of Physical and Mathematical Sciences); Ledvina, Milan, (Engineer); Halek,  
 Vladimir, (Doctor); Moravcek, Milan, (Candidate of Medical Sciences); Mrazek,  
 Jaroslav, (Candidate of Medical Sciences, Engineer); Mrazek, Jiri, (Candidate of  
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 Physical and Mathematical Sciences); Novotny, Zdenek, (Doctor); Pernegr, Jaroslav,  
 (Doctor; Candidate of Physical and Mathematical Sciences); Pesek, Rudolf, Professor,  
 Doctor, Engineer); Pipal, Miloslav, (Doctor of Technical Sciences, Corresponding  
 member, of the Czechoslovak Academy of Sciences); Flavec, Miroslav, (Doctor);  
 Pokorny, Zdenek, (Candidate of Physical and Mathematical Sciences, Docent, Doctor);

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L 41519-65  
A44045110

Ruml, Vladimir, (Candidate of Medical Sciences, Doctor); Sadil, Josef, (Doctor of Physiological Sciences); Schnal, Ladislav; Stvernek, Jiri, (Doctor); Sventka, Zdenek, (Doctor); Tuma, Jaroslav, (Candidate of Physical and Mathematical Sciences, Doctor); Tyml, Vaclav, (Docent, Engineer); Ulehla, Ivan, (Candidate of Technical Sciences, Professor, Doctor); Valnicek, Boris, (Candidate of Physical and Mathematical Sciences, Doctor); Vanysek, Vladimir, (Candidate of Physical and Mathematical Sciences, Docent, Doctor); Vlasak, Marian, (Candidate of Physical and Mathematical Sciences; Doctor); Voda, Miloslav, (Engineer)

Principles of astronautics (Zaklady kosmonautiky) Prague, Orbis, 1964. 445 p. illus., biblio. 5000 copies printed.

TOPIC TAGS: cosmonautics, rocket, satellite, space flight, missile <sup>2</sup> 15

PURPOSE AND COVERAGE: This publication is a popular scientific reference book for people working in cosmonautics. The book presents a survey of cosmonautics and space flight up to 1 June 1963.

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V. H. ASAK, M.

PHASE I BOOK EXPLOITATION

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Jerle, Jan, ed., Engineer, Doctor, Corresponding Member of the Czechoslovak Academy of Sciences

Základní problémy ve stavbě spalovačích turbin (Basic Problems in the Construction of Gas Turbines [collection of articles]). Prague, Nakl. ČAV, 1962. 627 p. 1600 copies printed.

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Basic Problems in the Construction (Cont.)

z/6284

V. Svoboda, J. Šinták, J. Feirfeil, and J. Měšťan (Prague Electrical Engineering Plant, Prague). Axial Compressors Manufactured by the Ceskomoravska Kolben Danek Electrical Equipment Plant

457

V. Polta and M. Vlasák (State Research Institute for Heat Engineering, Prague). Theoretical and Experimental Results of Studies on the Properties of Axial Compressors

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O. Buňata ("Jan Šverma" Plant, Jinoňov). Inlet Air in a Radial Compressor at Transonic Flow Velocities

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VLASAK, Marian

Effect of the fright reaction on mental and psychomotor activity.  
Prac. lek. 17 no.1:6-9 Ja '65

1. Ustav leteckého zdravotnictví v Praze.

Scientific-Technical-CZECHOSLOVAKIA

VLASAK, Marian, Dr/Institute of Aviation Health in Prague. Author of an article "Psychophysiological problems - Excessive weight", which deals with the problems of weight in flight and the medical experiments in that field. (Kridla Vlasti, Prague, No 12, 12 Jun 63, pp 346-348)

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CZECHOSLOVAKIA

SEDLAK, J., VLASAK, M. and KAPLAN, J.; Psychology Institute (Psychologicky ustav) Brno and Institute of Aviation Medicine (Ustav leteckeho zdravotnictvi,) Prague.

"Training of Pilots of Rapid Planes."

Prague, Activitas Nervosa Superior, Vol 5, No 3, July 63; pp 288-289.

Abstract: Brief discussion of study of pilot selection and training methods, confirming general usefulness of tachystoscopic and other types of simulation of flight emergency methods. Various aspects of pilot selection procedures are mentioned.

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14

CZECHOSLOVAKIA

VLASAK, M.: Institute of Aeronautical Medicine (Ustav Leteckeho Zdravotnictvi), Prague.

"Some Values of Vegetative Profiles of the Fright Stimulus During Working Stress."

Prague, Ceskoslovenska Psychiatrie, Vol 63, No 1, Feb 67, pp 27-33

Abstract [Author's English summary modified]: Changes in the rate of heart beat and in skin resistance were investigated. The resistance of the skin is reduced substantially by a fright stimulus; no changes in the heart beat were found. The number of waves and the amplitude of the galvanic skin reaction are strongly influenced by the fright stimulus; no reduction of the working ability was observed. 5 Figures, 13 Western, 3 Czech, 1 USSR reference. (Manuscript received 9 Jan 65).

1/1

S/124/62/000/001/016/046  
D237/D304

26.2/20

AUTHOR: Vlasak, Miroslav

**APPROVED FOR RELEASE: 03/14/2001** **CIA-RDP86-00513R001860220018-3"**

TITLE: The influence of basic parameters on the coefficient of efficiency and the degree of compression of the stages of an axial compressor

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 1, 1962, 36, abstract 1B248 (Státní výzk. ústav tepelné techn. Prague, SNTL, 1958, 127-141)

TEXT: Howell's empirical relations for the angle of rotation of the stream in the lattice under standard conditions and corresponding formulas for profile, end and secondary losses of pressure for the case of compressor stages with blade sets which are designed so as to fulfill the condition of constancy of circulation in the radial direction are used as a basis for analyzing the influence of the reaction intensity, coefficient of losses and relative speed and length of the blades on the efficiency of

✓  
B

Card 1/2

The influence of...

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D237/D304

the turbine and on the compression attained in one stage. The relations obtained may be utilized in compressor stage design.

[Abstracter's note: Complete translation.]

✓  
B

Card 2/2

VLASAK, M., *inz. CSc.*

Reconstruction of a turbocompressor in the oxygen plant of  
the Chemické závody Československosovětského přátelství in  
Zabuzí. Strojírenství 14 no.8:619-622 Ag '64.

1. State Research Institute of Heat Technology, Prague.



VLASAK, MARTIN (MAJOR) MD

CZECHOSLOVAKIA

Major Martin VLASAK, MD, Institute of Flight Medicine (Ústav leteckého zdravotnictví), Prague.

"Circulatory Failure during High-Pressure Breathing without Compensatory Counter-Pressure."

Prague, Vojenske Zdravotnicke Listy, Vol 31, No 5, Oct 62; pp 201-206.

Abstract [English summary modified]: Presentation and discussion of data obtained during 30 minutes' positive pressure (450 mm H<sub>2</sub>O) breathing without compensatory counter-pressure in 8 pilots: 1 pilot had tachycardia 170-180/min.; another 5 loss of consciousness for 2 to 11 seconds. The circulatory disturbances in the 8 are described in great detail, analyzing significance with respect to pilot skills during events in flight. Two tables, 52 references: 10 Czech include 2 personal communications; 4 Soviet, 44 Western.

1/1

VLASAK, M.; ZRUSTOVA, M.

Coincidence of toxic adenoma of the thyroid gland and lymphosarcoma.  
Rozhl. chir. 40 no.5:332-337 '61.

1. Chirurgická klinika LFH KU, přednosta prof. dr. E. Polak  
Patologickoanatomický ústav LFH KU, přednosta doc. dr. J. Stolz.

(THYROID GLAND neoplasms) (ADENOMA compl.)  
(LYMPHOSARCOMA compl.)

VLASAR, MIROSLAV

10(0); 26(1)  
 PRIME I BOOK EXPLOITATION  
 CZECH 2569  
 Československá Akademie věd. Sborník technická  
 Průběh vývoje stroje (Flow Through Turbomachinery) Praha, Nakladatelství Československé Akademie věd, 1958. 213 p. (Series: It's! Štorník vědy pro vědecké stroje) Křivá 115 inscribed. 1,500 copies printed.  
 Scientific Ed.: Jan Jerič, Engineer, Doctor, Corresponding Member of the Czechoslovak Academy of Sciences; Resp. Ed.: Ladislav Erdl; Tech. Ed.: František Konečný.

PURPOSE: This collection of papers is intended for engineers and scientific workers in the field of turbomachinery.  
 COVERAGE: The collection covers turbomachinery theory, investigations of the flow of working substances in basic elements of turbomachines, phenomena accompanying flow and various with time, and investigations of various problems on experimental machines and models. A Russian and an English summary follows each paper. No personalities are mentioned. There are 129 references: 73 Czech, 57 English, 38 German, 20 Russian, and 1 Dutch.

IV. RESEARCH WITH MODEL MACHINES

10. MURKMAN, Zdeněk, Engineer, VÚV. An Approximate Method of Flow Analysis in Air Turbomachine Elements With An Example Applied to Axial Flowery 277

11. KLÁSKA, Miroslav, Engineer, and Jolka, Václav, Engineer, VÚV. Experimental Axial Compressor. Doctor, Engineer, VÚV. Experimental Four-stage Axial Compressor for High Circumference Speeds 280

12. KLÁSKA, Miroslav, Engineer, and PROBYL, Václav, Engineer, VÚV. Systematic Investigation of Blade Efficiency in Model Turbines. Doctor, Engineer, VÚV. Supplement to the Proceeding of the 1st Symposium on Turbomachinery, Prague, 1957. 20 p. 289

13. KLÁSKA, Miroslav, Engineer, and PROBYL, Václav, Engineer, VÚV. Design of the Last Stage (Blading) of Condensing Steam Turbines 290

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17. KLÁSKA, Miroslav, Engineer, and PROBYL, Václav, Engineer, VÚV. Measurement of the Effect of Basic Hydraulic Engineering Parameters of Hydraulic Clutches on Performance Characteristics 304

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17. ŽEJL, Zdeněk, Engineer, ÚVŠ ČSAV. Toroidal Dynamometer 407

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L 10090-0  
ACCESSION NR: AP4049737

AEPC(8)/ASD(2)-3 JD  
Z/0032/64/014/008/0619/0622

AUTHOR: Vlasak, M. (Engineer, Candidate of sciences)

TITLE: Modernization of a turbocompressor in the oxygen plant at the Zakuzi Chemical Works

SOURCE: Strojirenstvi, v. 14, no. 8, 1964, 619-622

TOPIC TAGS: turbocompressor

Abstract [Author's English summary, modified]: One of the Skoda 35,000 km<sup>3</sup>-per-hour turbocon compressors operating at 6 atmospheres, installed in the Zakuzi Chemical Works, has been reconstructed recently to improve its efficiency. Improvements were based on research carried out at the State Research Institute for Thermal Engines of the Czechoslovak Academy of Sciences. A comparison of parameters and measurements before and after the reconstruction shows a marked improvement in the thermic efficiency resulting in a 10% increase in the compressor's output.

ACCESSION NR: AP449777

ASSOCIATION: SVMTT, Prague

SEDLAK, J.; VLASAK, M.; KAPLAN, J.

Training of pilots of fast planes. *Activ. Nerv. Sup.* 5 no.3:  
288-289 JI '63.

1. Psychologicky ustav v Brne, Ustav leteckeho zdravotnictvi  
v Praze.

(AVIATION MEDICINE) (PSYCHOPHYSIOLOGY)  
(PSYCHOLOGICAL TESTS)